

24jan'23 @1930. CDS made in a two compartment glass bento box following Allan J. Reyes' recipe from his unlisted video at his [YouTube channel](#). 250ml of CDS water, 10ml of 25% SCS + 2.8ml of 85% phosphoric acid. He used 22.4% SCS, but I'm using 25% SCS. With only 12.8ml total reactor solution, I put that in the small compartment for 2mm solution depth, and CDS water in the large compartment.

CDS water TDS = 2 pH = 4.9

+1 hour CLO₂ ppm = 2760

+2 hours CLO₂ ppm = 3000

+3 hours CLO₂ ppm = 3360

+4 hours CLO₂ ppm = 3240

TDS = 41 pH = 3.5

Efficiency = 53%

TDS would be lower with citric acid activator.

Everything and all testing done at room temperature, about 75F.

Bento box volume is 300ml plus 450ml, total 750ml. Maximum amount of solutions up to the top of the glass compartment divider.

